

FIG. 1

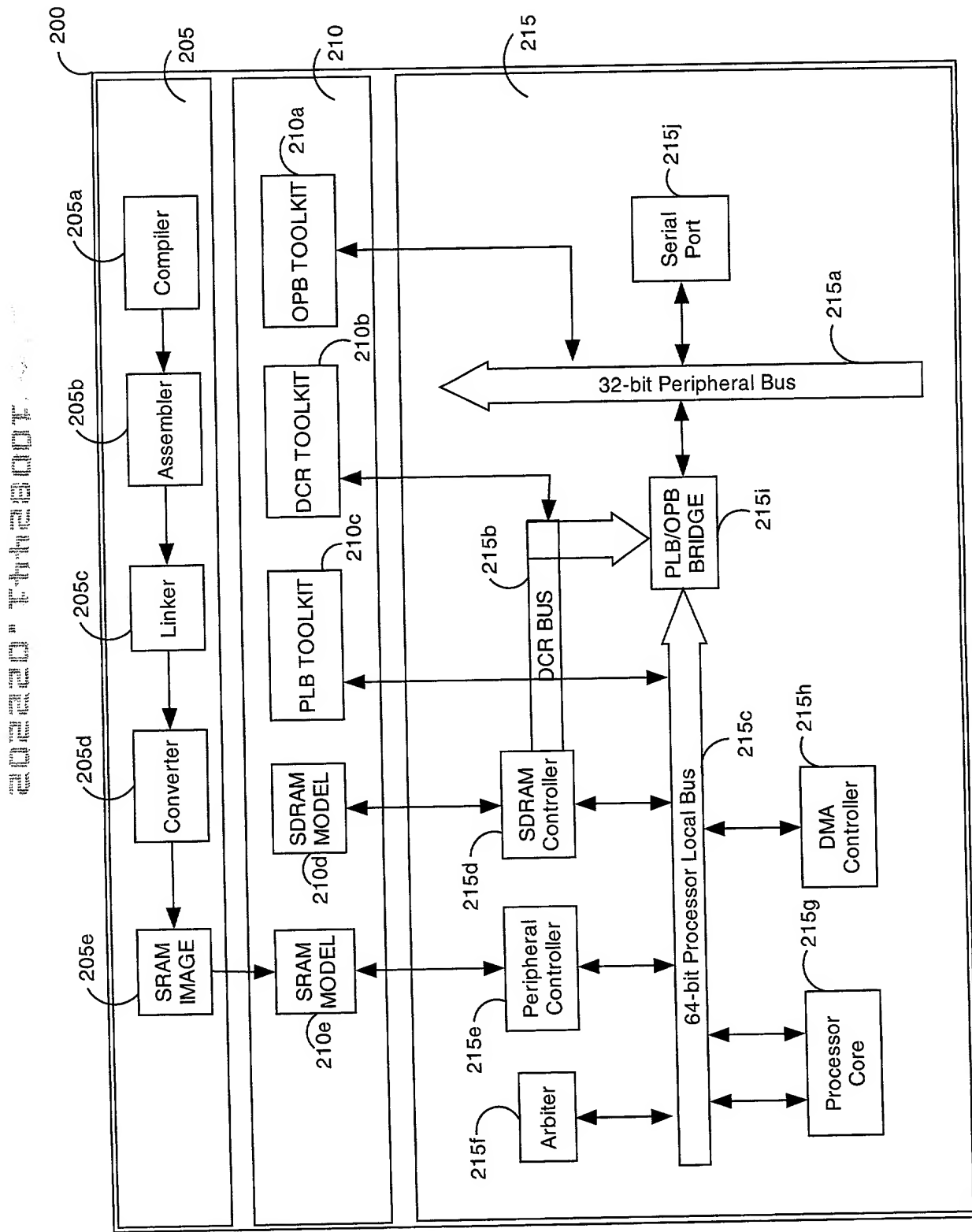


FIG. 2

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System Component Selection

☒ OPB Arbiter

☒ Ethernet 10/100

☐ Ethernet 100/200

☒ UART 16450

☐ UART 16550

Parameter Selection

OPB Arbiter

UART 16450

Ethernet 10/100

IRQ 8

Display

DEVICE	LUTs	D-FFs	SLICES	BRAMs	I/Os	MEMORY	PROCESSOR
OPB Arbiter	300	200	200	0	None	1 Kb	0.2 DMIPS
UART 16450	500	400	300	0	9	2 Kb	1.4 DMIPS
Ether 10/100	2500	1700	1500	0	12	10 Kb	8.4 DMIPS
TOTAL USED	3300	2300	2000	0	21	13 Kb	10 DMIPS
DEVELOPER	122880	122880	61440	3456 K	1488	1000 Kb	300DMIPS
AVAILABLE	119580	120580	59440	3456 K	1267	987 Kb	290 DMIPS

FIG. 3

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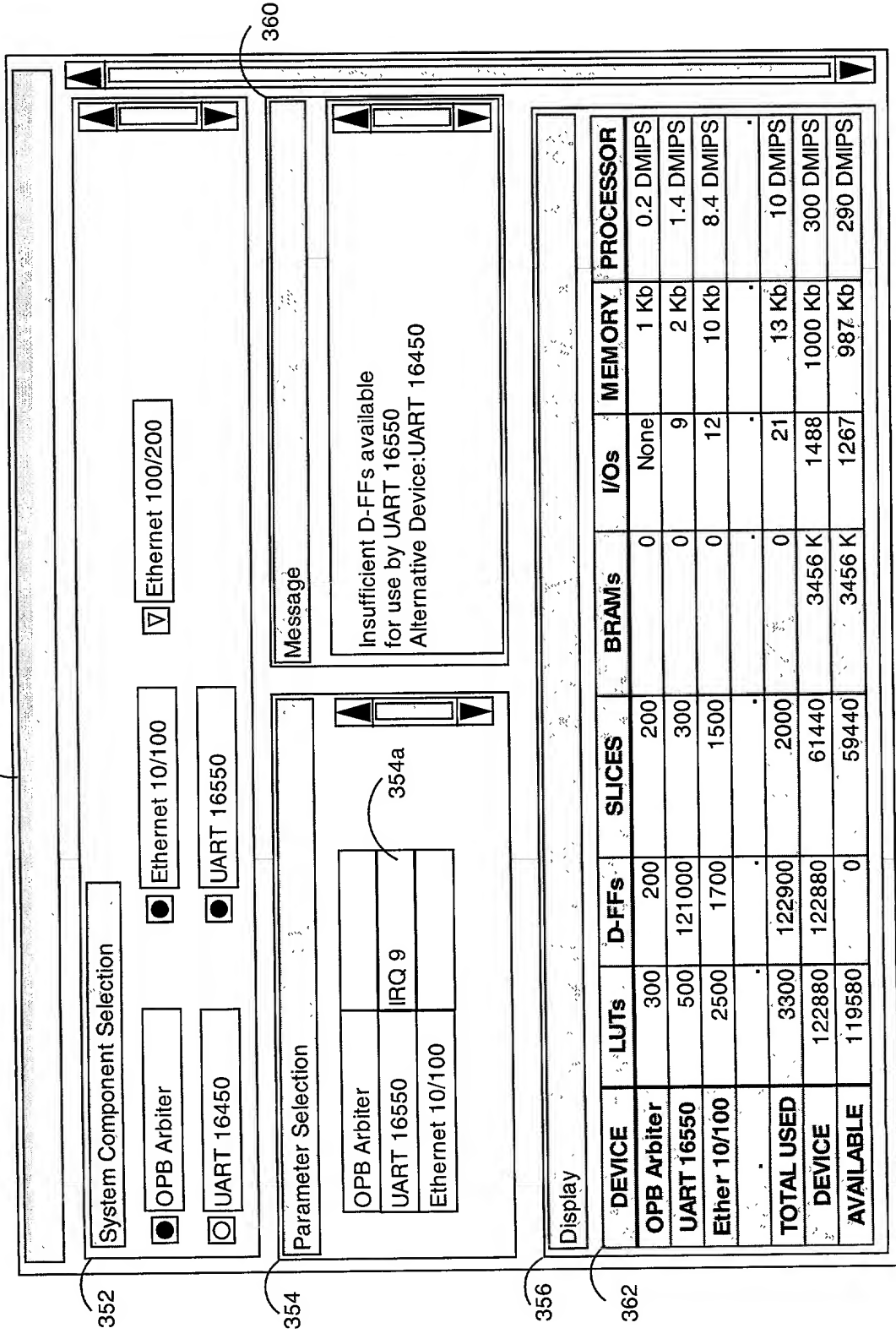


FIG. 4